

Finite element analysis of elbow joint stability by different flexion angles of the annular ligament

Guangming Xu^{1*}, Zhengzhong Yang¹, Jiyong Yang¹, Ziyang Liang²✉, Wei Li¹✉

¹ Department of Orthopaedics, Shenzhen Pingle Orthopedic Hospital & Shenzhen Pingshan Traditional Chinese Medicine Hospital, Shenzhen 518000, China

² First Clinical Medical College, Guangzhou University of Chinese Medicine, Guangzhou 510000, China

Guangming Xu, Department of Orthopaedics, Shenzhen Pingle Orthopedic Hospital & Shenzhen Pingshan Traditional Chinese Medicine Hospital. E-mail: 632038999@qq.com;

Zhengzhong Yang, Department of Orthopaedics, Shenzhen Pingle Orthopedic Hospital & Shenzhen Pingshan Traditional Chinese Medicine Hospital. E-mail: yangzhengzhong@plgsk.com;

Jiyong Yang, Department of Orthopaedics, Shenzhen Pingle Orthopedic Hospital & Shenzhen Pingshan Traditional Chinese Medicine Hospital. E-mail: yangjiyong_2019@foxmail.com;

✉ Corresponding authors: Wei Li, Department of Orthopaedics, Shenzhen Pingle Orthopedic Hospital & Shenzhen Pingshan Traditional Chinese Medicine Hospital. E-mail: 13715314642@163.com;

Ziyang Liang, First Clinical Medical College, Guangzhou University of Chinese Medicine. E-mail address: young8637@sina.com